# Srivardhan Muthyala

srivardhanmuthyala111@gmail.com | +1 647-631-7328 | https://www.linkedin.com/in/srivardhan-muthyala-159860278 | Toronto, ON M4M 1V6

### CAREER OBJECTIVE

Results-driven Data Quality Specialist with expertise in software engineering and AI model evaluation. Skilled in data quality management, code-related tasks, and enhancing machine learning models. Seeking a challenging role at Cohere to leverage my experience in improving data quality for AI systems.

### TECHNICAL SKILLS

* **Programming and Development Skills:** Python (4+ years), Java, C++, C#, .NET Framework, Django, Flask
* **Machine Learning and AI Expertise:** Large Language Models (LLM), Natural Language Processing (NLP), Data Quality Evaluation, Model Fine-Tuning, TensorFlow, PyTorch, scikit-learn
* **Data Quality and Management:** Proficient in data labeling, ranking, auditing, and correcting data for machine learning models; adept at ensuring high standards of data accuracy and quality
* **Software Development and Engineering:** Proficient in Agile methodologies, version control with Git, CI/CD pipelines, and microservices architecture
* **Cloud Platforms and Tools:** Microsoft Azure, AWS, GCP; familiar with cloud-based AI deployment and management
* **Professional and Interpersonal Skills:** Strong attention to detail, ability to handle repetitive tasks with precision, excellent time management, and independent work capabilities

### CERTIFICATIONS

* Machine Learning Certification by Stanford University (Stanford Online and Deeplearning.AI), 2023
* IBM Artificial Intelligence Engineering Professional, 2023
* Microsoft Azure AI and Microsoft Azure NLP, 2023

### EDUCATION

* **Post Graduation in Advanced Project Management Information Technology** Toronto, Canada (2023 - Present) Focused on AI-integrated developments, Agile methodologies, and project management.
* **Bachelor of Engineering in Electronics and Communications Engineering** Anna University, Chennai, India (2016 - 2020) Specialized in computer-related technologies, including microprocessors, operating systems, and deep learning.

### PROFESSIONAL EXPERIENCE

* **Programmer Analyst, Cognizant Technology Solutions** Hyderabad, India (November 2019 - January 2023)
  + Conducted data quality tasks, including labeling, ranking, and auditing machine learning data.
  + Developed automation scripts in Python to enhance software development processes.
  + Gained expertise in machine learning libraries such as TensorFlow, PyTorch, MLFlow, and Kubeflow.
  + Collaborated with cross-functional teams to ensure optimal data quality and model performance.

### PROJECTS

* **Automated Image Recognition Pipeline: DevOps-Driven AI Deployment on AWS** (10/2023 – 03/2024)
  + Led the deployment of AI solutions on cloud platforms, ensuring high data quality standards.
* **Spam Filtering Algorithm using NLP** (10/2023 – 03/2024)
  + Developed and fine-tuned NLP models for spam detection, emphasizing model accuracy and data validation.

### PUBLICATIONS

* **Detection and Grading of Macular Edema Using CNN (Deep Learning)** Published in the International Journal of Innovative Research in Technology (IJIRT), 2020

### PARTICIPATION

* **TechNation’s AI Competition** (2024)
  + Successfully proposed and presented a project on energy optimization using AI, demonstrating strong analytical and coding skills.